

Materials List for:

Whole Mount Preparation of the Adult *Drosophila* Ventral Nerve Cord for Giant Fiber Dye Injection

Jana Boerner¹, Tanja A. Godenschwege¹

¹Department of Biological Sciences, Florida Atlantic University

Correspondence to: Jana Boerner at jboerner@fau.edu

URL: <https://www.jove.com/video/3080>

DOI: [doi:10.3791/3080](https://doi.org/10.3791/3080)

Materials

Name	Company	Catalog Number	Comments
Sylgard 184 Silicone Elastomer Kit	Dow Corning		
Dissection Microscope	AmScope	SM-2TZ	
Vannas Scissors Superfine	Academic Instruments	VS1023	
Dumont Forceps Dumontstar 55	Fine Science Tools	11295-51	
Austerlitz Insect pins	Fine Science Tools	26002-10	0.1mm
Borosilicate Glass Electrodes	World Precision Instruments, Inc.	1B100F-4	
Vertical Pipette Puller 700c	David Kopf Instruments	Model 700C	
Lucifer Yellow CH dilithium salt	Sigma-Aldrich	L0259	1% in H ₂ O
Fixed Stage Upright Microscope & Camera	Nikon Instruments	FN-1 & DS-U2 Camera	
Plan Fluor 10X Air Objective	Nikon Instruments	CFI Plan Fluor 10X NA 0.3 WD 16mm	
Fluor 40X water dipping Objective	Nikon Instruments	CFI Fluor 40X W NA 0.80 WD 2.0mm	
3D hydraulic Micromanipulator	Narishige International	Model MW0-3	
Amplifier	Getting Instruments, Inc.	Model 5A	